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B. H. Ward

Attorney Docket No. YO998-467

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application

Applicant(s): Joseph L. Hellerstein
Docket No.: YO998-467
Serial No.: 09/285,639
Filing Date: April 2, 1999
Group: 2172
Examiner: Anh Ly

I hereby certify that this paper is being deposited on this date with the U.S. Postal Service as first class mail addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Signature: Laura M. Nantini Date: May 2, 2001

Title: Systems and Methods For Automated Navigation
Between Dynamic Data With Dissimilar Structures

AMENDMENT AND RESPONSE TO OFFICE ACTION

Assistant Commissioner for Patents
Washington, D.C. 20231

05/02/2001 REVENUE 00000000 000000 000000
01 PG:102 150.00 CH
02 PG:103 72.00 CH

Sir:

In response to the outstanding Office Action dated January 2, 2001, Applicant amends the above-identified application as follows:

IN THE SPECIFICATION

Please replace the paragraph beginning at page 5, line 25, with the following rewritten paragraph:

Considered next is data organized as MDDB, as described in R.F. Berry and J.L. Hellerstein, "A Flexible and Scalable Approach to Navigating Measurement Data in Performance Management Applications," Second IEEE Conference on Systems Management, Toronto, Canada, June, 1996. Conceptually, such an organization can be viewed as a layer on top of the relational model. The MDDB structures attributes into dimensions. Within a dimension, attributes may be further structured into a directed acyclic graph (DAG). Here, a dataset is a cube (a MDDB schema along with its base data), an element is a cell within a cube, and a collection descriptor is a *where* clause that abides by the hierarchical structure imposed by the MDDB. In the example above, there

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